

IN THE CLAIMS:

Claims 1-28 (canceled).

29. (original) A multizone, unsupported, membrane comprising:
a first zone having a first pore size; and
at least a second zone having a second pore size, the first and
second zones being operatively connected such that the multizone membrane is
5 continuous and does not include any support material.

30. (original) The multizone membrane of claim 29 wherein the
first zone is formed from a first polymer dope for producing one pore size and the
at least a second zone is formed from at least a second polymer dope for producing
at least one different pore size.

31. (original) The multizone membrane of claim 29 wherein the
polymer dope comprises:

nylon.

32. (original) The multizone membrane of claim 29 wherein the
polymer dope comprises:

polyvinylidene fluoride.

33. (original) The multizone membrane of claim 29 wherein the
polymer dope comprises:

polyether sulfone.

34. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type I configuration.

35. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type II configuration.

36. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type III configuration.

37. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type IV configuration.

38. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type V configuration.

39. (original) The multizone membrane of claim 29 wherein the
multizone membrane has a type VI configuration.

40. (original) The multizone membrane of claim 29 wherein the multizone membrane has a type VII configuration.

41. (original) The multizone membrane of claim 29 wherein the multizone membrane has a type VIII configuration.

42. (original) The multizone membrane of claim 29 wherein the multizone membrane has a type IX configuration.